



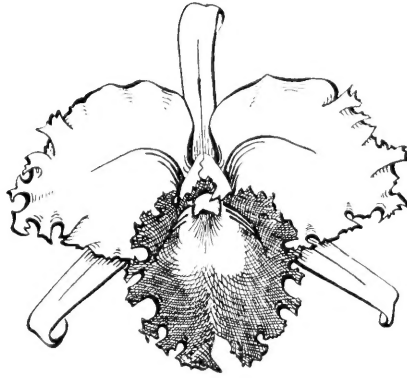
Photo by MACKAY



Kiesewetter

Jan 1954

Roslyn, N.Y.



Ralph R. Kiesewetter's

many years of experience as an Orchid Hybridist go into the making of every seedling produced at Kiesewetter's Orchid Gardens. Through these years, no effort has been spared to guard and maintain the long-established, strict, and well-recognized policy of Kiesewetter's **SUPERIOR QUALITY PRODUCTION**. Second to none, the very best stud plants procurable are used in each of Kiesewetter's crosses, and every one is guaranteed to be as herein represented.

Wasted years of anticipation and expensive efforts, doomed to end in disappointment, can be avoided by the selection of reliable, modern seedlings based upon the ultimate in technical advancement and developed by the skill and craftiness of a professional hybridist of long experience.

You can select a Kiesewetter seedling with confidence. Our **KNOW-HOW** and **FIDELITY OF PURPOSE** are YOUR **PROTECTION**.

RALPH R. KIESEWETTER

Of

KIESEWETTER ORCHID GARDENS

begs to emphasize that a basically new plant-breeding policy has been in effect since 1952. Pursuant with the tenets of a rigid research program, only crosses from laboratory-controlled stud plants have thereafter been allowed on the market. Thenceforth, all seedlings bear the stated cytological composition of either parent.

POLYPLOIDY

by

Dr. James A. de Tomasi

Research Consultant

In the world of Orchids, polyploidy has proven its forceful value in the development of fine hybrids. It is therefore not only a subject of academic interest but preeminently a most significant tool in modern hybridization.

The facts leading up to polyploidy and its implications are as follows: all living organisms, plants or animals, transmit their body characteristics to their offspring by giving up, in the process of reproduction, minute amounts of a highly specialized living substance. This substance called chromatin, is the basic constituent of the nucleus of all tissue cells. When a cell is about to divide, the chromatin from an apparently unorganized scatter, separates into definite tiny bodies called chromosomes. They are the ultimate form of *visible* (microscopically) carriers of hereditary units. Their shape, size and number are important differential characteristics.

The transmission of hereditary characters from parents to progeny is exclusively the function of chromosomes in the nucleus of certain specialized cells: in plants, the sex cells of flower bud tissue (pollen cell nuclei and egg nuclei). When it comes to the number of chromosomes, the sex cell nucleus of an individual carries a complement of one-half the number available in any other body cell. Number and character of these chromosomes remain constant, with few exceptions, throughout the life of the individual. For example, in the genera *Cattleya*, *Laelia*, *Brassavola*, *Sophranitis* and *Cymbidium*, the somatic (body cell) number is forty chromosomes, one set of twenty obtaining from each parent. The overwhelming majority of plants in the above genera fall in this category and are technically indicated as diploids because the somatic number is twice the meiotic (sex cell) number. Under certain very unusual circumstances (such as by natural accident or brought about by the extraordinary actions of certain powerful drugs, X-rays, fissional radiation, or extreme temperatures) the chromosome number occasionally may be caused to change. If in the body cell the number rises to sixty, a triploid plant individual is the result.

If the result is a complement of eighty chromosomes, the individual is called a tetraploid. A pentaploid would have five sets of the meiotic number or one hundred chromosomes. Triploids, tetraploids, pentaploids etc., in other words individuals with more than forty chromosomes in their somatic count are called, collectively, polyploids.

Counting of chromosomes is a painstaking, time consuming operation that can only be carried out with specialized techniques and at highest magnifications. Yet, it is merely one of several devices of fundamental research we are applying in the year-around laboratory development of superior orchids for the future.

In orchid breeding, the number of chromosomes possessed by a plant is, among others, a primary cytological factor deciding the qualifications of that plant to serve as a worthy parent or stud. Experience accumulated from intense experimentation over the years indicates unmistakably that polyploidy, or the presence of more than the number of chromosomes

normal for any particular plant group, is a basic prerequisite for a rational and scientific development of superior strains in new crosses. Work in the leading *Cattleya* family has so far lagged behind because of specific technical difficulties. We have been pioneering in this field since World War II. Our purpose is to develop vastly improved and consistently uniform crosses in terms of plant vigor and productivity as well as size, color, texture and keeping qualities of the blossom.

FOREWORD

It is sincerely believed that all basic information needed to evaluate the main characteristics of the parents listed herein can be supplied precisely and to-the-point without undue redundancy. For purposes of clearness and brevity, where feasible, each main class of the following crosses is subtitled with a comprehensive, though conservative, set of carefully checked characters found to hold true for all parents in that class. Concurrently, and advisedly, the wording of individual descriptions has been kept within very few essential terms. So it is with reference to the flowering season, a complement endowed with a considerable degree of pliability. Of course, should further clarification on any of these points be desired, please ask for it in writing.

Please note that the majority of parent plants herein listed are the recipients of one or more Awards of Honor. Others, equally worthy in every respect, have not as yet been exhibited or entered into competition. Also, please notice the complete listing here, for the first time anywhere, of the chromosomal assessment for each parent. The identity of color, when specified, is in accordance with Ridgway's Color Standards and Color Nomenclature.

Those who visit KIESEWETTER ORCHID GARDENS can choose from a unique assortment not listed herein, since we can only catalogue a fraction of our stock.

FLOWERING SIZE PLANTS

PRODUCING EXHIBITION - TYPE FLOWERS

Parental Characters: high floriferousness; 3-6 flowers per plant;
heavy texture; overall diameter 7"—9";
petal width 3"—3¼"

<u>POT SIZE</u>	<u>PRICE</u>
4"	\$10.00 each
4½"	12.50 each
5"	15.00 each

<u>CROSS NUMBER</u>		<u>PARENTAGE DESCRIPTION</u>	<u>FLOWERING SEASON</u>
KA-1	Triploid	Lc. Ceylon Topaz	Late Fall
	Tetraploid	<p style="text-align: center;">x</p> Lc. Joseph Hampton, var. Roslyn, F.C.C. Fine parentage producing a large Purple flower with very deep lip. Free-flowering.	
KA-2	Triploid	Lc. Gertrude Hampton, F.C.C.	Late Fall
	Tetraploid	<p style="text-align: center;">x</p> Lc. Miranda, A.M. These two fine studs are an exceptional combination, resulting in a deep Purple with overtones of Bronze tints.	
KA-5	Triploid	Lc. Mrs. Hanmer, A.M.	Winter
	Tetraploid	<p style="text-align: center;">x</p> Lc. Lucifer Outstanding, large, well-balanced Purple flower. Lip up to 8" in diameter.	
KA-8	Triploid	Lc. Cuesta	Winter- Early Spring
	Tetraploid	<p style="text-align: center;">x</p> Lc. Areca, var. Model, F.C.C. Gorgeously dark Purple, fine shape and texture, Truly a fine modern hybrid.	
KA-10	Triploid	Lc. Ceylon Topaz	Late Fall- Winter
	Tetraploid	<p style="text-align: center;">x</p> Lc. Princess Margaret, var. Bonnycrest Huge deep Purple. One of the finest flowers developed.	
KA-6	Triploid	Lc. Gertrude Hampton, F.C.C.	Winter
	Tetraploid	<p style="text-align: center;">x</p> Bc. Heather Queen A very dark Purple well-balanced large flower. Strikingly yellow eyes in lip.	

FLOWERING SIZE PLANTS (continued)

CROSS NUMBER		PARENTAGE DESCRIPTION	FLOWERING SEASON
KA-11	Triploid	Lc. Crowborough, F.C.C.	
		X	
	Tetraploid	Lc. Joseph Hampton, var. Roslyn, F.C.C. Excellent free-flowering medium Laven- der with fine dark lip.	Winter-Spring
KA-12	Triploid	Bc. David Adams	Winter-
		X	
	Tetraploid	Lc. Ishtar, F.C.C. This combination produces one of the finest Brassos in cultivation. Dark Purple with very dark lip.	Early Spring
KA-3	Triploid	Lc. Tokyo Rose	Late Winter
		X	
	Tetraploid	Lc. Ishtar, F.C.C. A combination producing a free-flowering very dark Purple of fine shape and texture.	
KA-4	Triploid	Lc. Trails End, F.C.C.	Winter-
		X	
	Tetraploid	Lc. Cassandra, F.C.C. A medium to very dark Purple flower, well-balanced and fine textured.	Early Spring
KA-7	Triploid	Lc. Cuesta	Winter
		X	
	Tetraploid	Lc. Hilary, F.C.C. The combination of these two outstanding crosses has produced some of the finest hybrids yet cultivated. Gorgeously dark Purple with very dark lip.	
KA-13	Triploid	Lc. Cuesta	Late Fall
		X	
	Tetraploid	Lc. Princess Margaret, var. Stonehurst Here is a gorgeous very dark Purple modern hybrid. Outstanding in shape and texture.	

Bargain Collections IN FLOWERING SIZE PLANTS

Number of Plants	Pot Size	Price
5	4"	\$40.00
5	4½"	50.00
5	5"	60.00

All PLANTS and BACK BULBS from this Listing are Subject to Prior Sale.

Kiesewetter's

" ORCHID PLANT

OF THE MONTH "

CLUB



MEMBERSHIP FEE — \$40 Per YEAR

Since weather conditions do not permit shipments from November through April, this offer includes two plants per month from May through October, totalling 12 plants in all.

There will be a variety of plants of our choice consisting of community pot size seedlings, mature plants, divisions and some very choice back bulbs.

This Club has been formed to introduce new crosses of some of the most outstanding hybrid varieties that have so far been cultivated.

Membership Fee includes packing and delivery charges on all plants.

KIESEWETTER'S ORCHID GARDENS

R.F.D. ROSLYN, L. I., NEW YORK

I hereby apply for membership to KIESEWETTER'S "Orchid Plant of the Month" CLUB.
Remittance of \$40 membership fee herewith.

NAME.....

STREET and NO.....

TOWN..... STATE.....

A Cordial Invitation . . .

is extended to visitors
wishing to see our fine display
of

CATTLEYAS
PHALAENOPSIS
and
VANDAS

- - -

We are located only 20 miles
from New York City

KIESEWETTER ORCHID GARDENS

R.F.D. Roslyn, N.Y.

Pioneer 2-8396

TUBES of 100 or more Laboratory - Controlled Seedlings

Parental Characteristics: high floriferousness; 3-6 flowers per plant;
heavy texture; overall diameter 7"-9";
petal width 3" — 3¼"

Very large exhibition-type flowers expected in progeny.

"The PRIZE WINNING PLANT is grown from A FINE SEEDLING"

CROSS NUMBER		PARENTAGE DESCRIPTION	FLOWERING SEASON	PRICE PER TUBE
KA-71	Diploid	C. Estelle alba X	Late Winter	\$35.00
	Tetraploid	C. Labiata, var. Harefield Hall A vigorous cross which will produce large, heavy - textured free - flowering White blooms.	Early Spring	
KA-78	Tetraploid	C. Bow Bells, A.M. X	Late Fall	\$35.00
	Diploid	C. Estelle Two of the finest types of hybrids are combined in this outstanding pure White heavy-textured flower. The throat is a brilliant Yellow. We consider this cross in a class by itself.	Early Summer	
KA-79	Tetraploid	C. Labiata, var. Westonbirt X	Fall	\$35.00
	Diploid	Lc. Ishtar, F.C.C. Here is a combination of two exceptional parents resulting in a wonderful White flower considered to be an outstanding modern hybrid.	Early Summer	
KA-81	Tetraploid	C. Labiata var. Westonbirt X	Late Winter	\$35.00
	Diploid	C. Leda Excellent free-flowering, large dark Purple bloom. Fine shape and texture.	Early Spring	
KA-85	Tetraploid	Lc. Hilary, F.C.C. X	Late Winter	\$35.00
	Diploid	C. Peetersii An outstanding free-flowering, large, well-balanced bloom ranging from me- dium to dark Purple.	Early Spring	
KA-93	Tetraploid	Lc. Princess Margaret, var. Bonnycrest X	Late Fall	\$35.00
	Diploid	C. Peetersii A fine cross of outstanding parentage which produces large, free-flowering blooms ranging from medium to dark Purple.	Winter	
KL-103	Diploid	Slc. Anzac, F.C.C. X	Late Winter	\$35.00
	Tetraploid	Lc. Cuesta Here we have a union of two outstand- ing parents producing a deep Purple flower of heavy texture and fine shape.	Early Spring	
KL-104	Diploid	Slc. Anzac, F.C.C. X	Late Fall	\$35.00
	Tetraploid	Lc. Princess Margaret, var. Bonnycrest Two famous parents are combined in this fine cross resulting in a very dark Purple free-flowering bloom.	Winter	

DIVISIONS OF EXHIBITION -TYPE AWARD WINNING PLANTS

DIVISIONS of the following A.M. Varieties.....\$35.00 each

BACK BULBS of the following A.M. Varieties. 5.00 each

JU-3	Lc. Gertrude Hampton,	A.M.	JU-2	Lc. Washington,	A.M.
59-E	C. Joyce Hannington,	A.M.	1091	Lc. Profusion,	A.M.
1033	Lc. Jacquinetta,	A.M.	1104	C. Remy Cholet, var Bruge	A.M.
1125	C. Titriane,	A.M.	1514	Lc. Arnold Kieseewetter,	A.M.
1268	C. Claire Hannington,	A.M.	1226	C. Simplicity,	A.M.
1485	Bc. Princess Schimadzu,	A.M.	1515	Lc. Sabina,	A.M.
JU-26	Blc. Ironsides,	A.M.	1511	Lc. St. Gothard	A.M.
1155	Lc. Mrs. Hanmer,	A.M.	1516	Bc. Agnes McCann,	A.M.
1338	Lc. Electa,	A.M.	1513	Blc. Melrose,	A.M.
1217	Lc. Conquistador,	A.M.	1183	Bc. Penelope,	A.M.
1167	Bc. Imperialis,	A.M.	1023	Lc. Braceyana,	A.M.
JU-31	Lc. Superman,	A.M.	1235	Bc. George Ward,	A.M.
1080	Bc. Hartland,	A.M.	1037	Bc. Helmsdale,	A.M.
1510	Lc. Sargon,	A.M.	1120	C. Susan	A.M.
1035	Lc. Bach Aga,	A.M.			

DIVISIONS of the following F.C.C. Varieties....\$50.00 and \$75.00 each

BACK BULBS of the following F.C.C. Varieties.....\$10.00 each

2120	Edithae var.White Empress,	F.C.C.
19	Blc. Dawn Angela,	F.C.C.
1012	C. White Empress,	F.C.C.
1512	Lc. Invicta,	F.C.C.
1209	Lc. Hyperion,	F.C.C.
1083	Blc. Caligula,	F.C.C.
59-E	C. Joyce Hannington,	F.C.C.
1509	Lc. Molly Thayer,	F.C.C.
1283	Lc. Locarno,	F.C.C.
1130	Lc. Ishtar,	F.C.C.
1100	Lc. Hertha,	F.C.C.
1473	Bc. Cliftonii Magnifica,	F.C.C.
1030	Bc. Albion,	F.C.C.

All DIVISIONS and BACK BULBS Subject to Prior Sale.

PHALAENOPSIS SEEDLINGS OF Laboratory - Controlled STUDS

4" - 5¼" diameter		In Flasks ready to be transplanted	Per Flask
K-3	Tetraploid	Phal. Cast Iron Monarch, var. A.M. X	
	Diploid	Phal. Elizabethae Very large pure White flower, heavy textured, excellent shape.	\$25.00
K-4	Tetraploid	Phal. Cast Iron Monarch, var. A.M. X	
	Diploid	Phal. Louise Georgiana A superior White flower of excellent substance and shape.	\$25.00
K-7	Tetraploid	Phal. Cast Iron Monarch, var. A.M. X	
	Diploid	Phal. Amabalis Two outstanding parents producing exceptionally fine White flowers.	\$25.00
K-9	Tetraploid	Phal. Cast Iron Monarch, var. A.M. X	
	Diploid	Phal. Doris Exceptional quality large pure White, heavy substance.	\$25.00
K-17	Tetraploid	Phal. Cast Iron Monarch, var. A.M. X	
	Diploid	Phal. La Canada A very large White flower of excellent shape. Sprays will reach three or four feet.	\$25.00
K-19	Tetraploid	Phal. Cast Iron Monarch, var. A.M. X	
	Diploid	Phal. Chieftain Graceful sprays of large well formed White flowers of heavy texture.	\$25.00
K-25	Tetraploid	Phal. Cast Iron Monarch, var. A.M. X	
	Diploid	Phal. Margaret Bean A fine pure White flower, heavy textured, well formed.	\$25.00
K-65	Tetraploid	Phal. Cast Iron Monarch, var. A.M. X	
	Diploid	Phal. Grace Palm Graceful sprays of well placed White flowers. Fine texture and shape.	\$25.00
K-68	Tetraploid	Phal. Cast Iron Monarch, var. A.M. X	
	Diploid	Phal. Summer Cloud Exceptional parents producing large, well-formed White flowers. Heavy textured, fine shape.	\$25.00

INDIVIDUAL VANDA SEEDLINGS

Available in the Following Crosses

Some of the finest parents in cultivation were used to produce these Seedlings.

CROSS NUMBER	PARENTAGE DESCRIPTION	POT SIZE	PRICE PER SEEDLING
K-31	Vanda Rothschildiana X Vanda Sanderiana	4"	\$5.00
K-45	Vanda Sanderiana X Vanda Manila	4"	\$5.00
K-30	Vanda Walter Dillingham X Vanda Sanderiana	4"	\$5.00
K-32	Vanda Mary Foster X Vanda Sanderiana	4"	\$5.00
K-34	Vanda Ellen Noa X Vanda Sanderiana	4"	\$5.00
K-8	Vanda Sanderiana X Vanda Herziana	4"	\$5.00
K-22	Vanda Triboulet X Vanda Manila	4"	\$5.00
K-48	Vanda Manila X Vanda Rothschildiana	4"	\$5.00

Very Choice Quality CYMBIDIUMS

from the

BROOKVILLE ORCHID COLLECTION

			PER BULB
# 72	GOSOOD, VAR. OLYMPUS (ALEXANDERI X ILMA) EXBURY	White	\$100.00
# 82	INDEPENDENCE DAY, BALKIS TYPE (BUTTERFLY X ROSANNA) EXBURY	White	35.00
#113	MADONNA, VAR. SNOW QUEEN (ALEXANDERI X P. W. JANSSEN)	Beautiful White	200.00
#125	JANETTE, VAR. LOVELINESS (ALEXANDERI, W. VAR. X JOY SANDER)		70.00
#161	BULLFINCH, STUART LOW VAR. (ALEXANDERI X GARNET)		75.00
#176	ROSETTE, VAR. GOLIATH (ALTAIR X PEARL) EXBURY	Large Round Flower, Buff	50.00
#215	JUNGFRAU, VAR. ENCHANTRESS (ALBANESE X CURLEW)	White	100.00
#220	PRINCESS ELIZABETH, D. J. #8 (ALEXANDERI X PRINCESS ASTRID)	Pure White	125.00
#222	ORISSA, VAR. NATHANIEL (CAER BRITO X PEARL) EXBURY	Early, Orange	75.00
#224	ORTOLON (FLAMINGO X TOUCAN) EXBURY	Greenish Gold	75.00
#236	JANETTE VAR. SUPERLATIVE (ALEXANDERI X JOY SANDER)	Primrose Cream	100.00
#237	BODMIN MOOR VAR. GOLDFINCH (ALEXANDERI X ERICA SANDER)	Yellow	75.00
#239	BODMIN MOOR VAR. GRACE (ALEXANDERI X ERICA SANDER)	A.M., R.H.S. Ivory	75.00
#240	BODMIN MOOR VAR. CELESTE (ALEXANDERI X ERICA SANDER)	White	75.00
#241	BODMIN MOOR VAR. CAPRICE (ALEXANDERI X ERICA SANDER)	Beautiful Cream	75.00
#242	EAGLE VAR. BALU (ALEXANDERI X GOTTIANUM) F.C.C., R.H.S.		65.00
#247	MIRANDA, EXBURY VAR. F.C.C., R.H.S. (ALEXANDERI X LOWIO-GRANDIFLORUM)		75.00
#248	CLARE ARMSTRONG, VAR. MIDAS (MIRELLA X ALEXANDERI)	Light Straw, Bronze Overlay	75.00
#259	BULLFINCH, A. M. (ALEXANDERI X GARNET)	White	100.00
#261	JUNGFRAU, VAR. SNOW QUEEN, A.M., F.C.C., A.O.S. PASADENA (ALEXANDERI X EAGLE)	Best White	150.00

CYMBIDIUMS—(continued)

PER BULB

#263	WOODCOCK, VAR. BRONZE KING, A.M. (FIREFINCH X ALEXANDERI)	Bronze	\$ 75.00
#264	BULLFINCH, A.M. (ALEXANDERI X GARNET)	White	100.00
#267	ROSZKA, A.M. (ADRIACA X ROSANNA)	White	125.00
#271	OLYMPUS, VAR. EMPEROR, F.C.C. (ALEXANDERI X VESTA)	Creamy White, Green Tinge	75.00
#272	BULLFINCH, VAR. SWALLOWTAIL, A.M. (ALEXANDERI X GARNET)	Yellow	100.00
#274	LOUIS SANDER, COOKE'S VAR. F.C.C. (CERES X ALEXANDERI)	Flush Pink	100.00
#281	ALDIS LAMP, COOKE'S VAR. A.M. (CARISBROOK X ALEXANDERI)	Pink	75.00
#283	BODMIN MOOR, VAR. GOLDEN GLORY, F.C.C. (ALEXANDERI X ERICA SANDER)		75.00
#284	BALDUR, VAR. MAGNOLIA, A.M. (CASTOR X ALEXANDERI)		75.00
#285	JASON, VAR. GOLDEN BEAUTY, A.M. (ALEXANDERI X MIRANDA)		75.00
#288	THELMA, A.M. (REDSHANK X ALEXANDERI)		75.00
#290	MIRANDA, A.M. (ALEXANDERI X LOWIO-GRANDIFLORUM)		75.00
#293	OLYMPUS, VAR. REX, F.C.C. (VESTA X ALEXANDERI)		100.00
#294	CRESTA, A.M. (GRANDIFLORUM X FLAMINGO)	White	75.00
#296	ALTAIR, A.M. (PAUWELSII X PIPIT) EXCELLENT PARENT	Yellow Gold	25.00
#297	CLARE ARMSTRONG, VAR. RUBY, SILVER MEDAL (MIRELLA X ALEXANDERI)		100.00
#298	MIRANDA, BRONZE MEDAL VAR. (ALEXANDERI LOWIO-GRANDIFLORUM)	Green	75.00
#299	JUNGFRAU, VAR. SNOW QUEEN (ALEXANDERI X EAGLE)	White	150.00
#300	DORCHESTER (ALEXANDERI X TITYUS)		100.00
#304	ALEXETTE VAR. BROOKVILLE (ALEXANDERI X JANETTE)	Pure White	100.00
#313	PERI, VAR. DISTINCTION (PAUWELSII X PRES. WILSON)		100.00
#314	JENA BAILEY, VAR. CITRON (ALEXANDERI VAR. W. X RUSKIN)	Radiant Red Bronze	75.00
#315	GLADYS HAMILTON, VAR. RADIANCE (PAUWELSS X ABONA)	Bronze Medal O.S.S.C.	100.00
#316	PERI, VAR. IRONCLAD (PAUWELSII X PRES. WILSON) A.R.	Bronze	100.00
#317	PERI, VAR. TRICOLOR (PAUWELSII X PRES. WILSON)		75.00
#323	DORCHESTER, VAR. THE CHIMNEYS (ALEXANDERI X TITYUS)	White	100.00
#326	SULLA (SUSSEX X PURPUREUM)		75.00
#328	MIRETTA, VAR. GLENDESSARY (MIRABEL X INVICTA)	Excellent Green	125.00

CYMBIDIUMS—(continued)

PER BULB

#329	MIRETTA, EVERETTS (MIRABEL X INVICTA)	Excellent Green	\$125.00
#343	BODMIN MOOR (ALEXANDERI X ERICA SANDER)		75.00
#350	DORCHESTER (ALEXANDERI X TITYUS)	White	75.00
#367	EAGLE (ALEXANDERI X GOJTIANUM)	Large White	100.00
#368	BODMIN MOOR, VAR. SHAMROCK (ALEXANDERI X ERICA SANDER)		75.00
#369	BLUE SMOKE VAR. SUGAR (LOWIANUM X MIRABEL)		75.00
#370	NAM KHAN VAR. BOREALIS (PAUWELSII X ROSANNA)		250.00
#371	SWALLOW VAR. GREEN MIST (ALEXANDERI X PAUWELSII)		75.00
#379	NOHOLME (WARBLER X ALEXANDERI)		75.00
#380	NOHOLME (WARBLER X ALEXANDERI)		75.00
#381	ALPINE GLOW (ALEXANDERI WEST. VAR. X ABONA) EXBURY		150.00
#382	ATLANTIS, EXBURY VAR. (ALEXANDERI X ERYTHROSTYLUM)		
		Early White	150.00
#384	ISLANDER VAR. MRS. LIONEL DE ROTHSCHILD (CERES X ROSANNA)		325.00
#385	KAIROUAN DAFFODIL YELLOW (ADELMA X ROSANNA) EXBURY		150.00
#386	KAIROUAN (ADELMA X ROSANNA) EXBURY	White	150.00
#387	KAIROUAN (ADELMA X ROSANNA) EXBURY	White, Red Lip	150.00
#388	MATANA (CLAUDETTE X RAMBODA) EXBURY		100.00
#389	NATHANIEL, F.C.C. (CAER BRITO X PAUWELSII)	Deep Golden	150.00
#390	NAM KHAN VAR. ROTUNDA (PAUWELSII X ROSANNA) EXBURY		
		Magnolia	100.00
#391	ORISSA VAR. CHRISTMAS CHEER (CAER BRITO X PEARL) EXBURY		125.00
#392	PRINCE CHARLES VAR. ROYALIST (BALKIS X PAUWELSII) EXBURY		125.00
#393	QUINCEY (APPLE GREEN) (BRAMLING X PEARL MAG) EXBURY	Early	100.00
#394	ORTOLAN VAR. DUSKY MAID (TOUCAN X FLAMINGO) EXBURY		
		Deep Gold	150.00
#395	VANDA MERLE, EXBURY VAR. (ALBANESE X PEARL MAG)		100.00
#396	SUSSEX VAR. RAJAH A.M. (PROFUSION X LANDRAIL)	Bronze Red	100.00
#397	GOSOOD VAR. GIGANTUM (ALEXANDERI X ILMA) EXBURY	White	100.00
#399	INNAMORATA, EX. VAR. A.M. (DANTE X ROSANNA)		100.00
#400	ADELMA, VAR. GREEN SLEEVES		
	(LETTY X LOWIO-GRANDIFLORUM) EXBURY		50.00
#401	KAIROUAN VAR. HARRIET LENTNER, ALM. (ADELMA X ROSANNA)		350.00
#408	GIRRAHWEEN, VAR. ENID, F.C.C. (FLAMENCO X LOWIANUM)		
		Best Australian Cymb.	200.00
#414	PRINCESS MARGARET, VAR. MALTA (ALEXANDERI X PRIN. ASTRID)		100.00
#416	SICILY (BALDUR X GRAND MONARCH)	Early Green	75.00

All PLANTS and BACK BULBS from this Listing are Subject to Prior Sale.

Fine Quality COMMERCIAL CYMBIDIUMS

from the

BROOKVILLE ORCHID COLLECTION

			PER BULB
# 78	SWALLOW, VAR. MAGNOLIA (ALEXANDERI, VAR. MAGNOLIA X PAUWELSII VAR. C. DE H) EXBURY		\$ 50.00
# 79	SWALLOW, FINE VAR. (ALEXANDERI, W. VARIETY X PAUWELSII VAR. C. DE H) EXBURY	Bronze	50.00
# 80	EGRET, EXBURY VAR. (GOTTIANUM X PAUWELSII) EXBURY	Bronze	25.00
# 81	PERI, FINE VAR. (PAUWELSII X PRES. WILSON) EXBURY	Bronze	25.00
# 83	NUBIAN, EXBURY VAR. (DANTE X PAUWELSII)	Brown Red	25.00
#126	CURLEW (ALEXANDERI, VAR. W. X BUTTERFLY)		35.00
#127	BODMIN MOOR (ALEXANDERI, W. VAR. X ERICA SANDER)		35.00
#128	DORCHESTER (ALEXANDERI, W. VAR. X TITYUS)	White	35.00
#129	MADONNA (ALEXANDERI, W. VAR. X MEM. P. W. JANSSEN)		35.00
#131	CLARE ARMSTRONG (MIRELLA X ALEXANDERI)		35.00
#133	CLARE ARMSTRONG (MIRELLA X ALEXANDERI)		35.00
#134	ARTHUR E. MILES (ALEXANDERI X PAMELA)	Pink	20.00
#135	ELAINE MILES (NANCY HARTE X PAMELA)	Pink	20.00
#136	CLARE ARMSTRONG (MIRELLA X ALEXANDERI)		35.00
#138	CLARE ARMSTRONG (MIRELLA X ALEXANDERI)		35.00
#139	CLARE ARMSTRONG		35.00
#140	CLARE ARMSTRONG		35.00
#141	CLARE ARMSTRONG		35.00
#142	MAY MARKELL (PRES. WILSON X WALKER INMAN)		25.00
#159	PLOVER (LOWIO GRANDIFLORUM X PAUWELSII)		35.00
#160	CHEPSTOW CASTLE, PEACH VAR. (PEARL X ALEXANDERI)		25.00
#162	CHEPSTOW CASTLE, PINK VAR. (PEARL X ALEXANDERI)		25.00
#163	CARISBROOK, OLD ROSE VAR. (CERES X RALPH SANDER)		50.00
#164	CARISBROOK, DEEP ROSE VAR. (CERES X RALPH SANDER)		50.00
#165	ERIDGE CASTLE (ALBANIA X YELLOW SEEDLING)	Apricot	50.00
#166	MIRANDA (ALEXANDERI X LOWIO-GRANDIFLORUM)	Cream Yellow	35.00
#167	PARAKEET (BUDGERIGAR X MIDAS)	Green	25.00
#168	REMUS VAR. VIVID (JOYFUL X REGULUS)	Intense Maroon Purple	35.00
#169	BODMIN MOOR (ALEXANDERI X ERICA SANDER)		35.00
#179	ELAINE MILES (NANCY HARTE X PAMELA)	Pink	20.00

COMMERCIAL CYMBIDIUMS—(continued)

PER BULB

#180	ARTHUR MILES (ALEXANDERI X PAMELA)	Pink	\$ 20.00
#185	MAY MARKELL (see #142) (PRES. WILSON X WALKER INMAN)		20.00
#187	GRENADINES (GRANADA X PIXIE)		40.00
#188	COOKSBRIDGE (ALEXANDERI X KANGAR)		50.00
#189	COOKSBRIDGE (ALEXANDERI X KANGAR)		50.00
#207	GOLD MOHUR, VAR. CATHAY (BERYL X MARTIN)		35.00
#208	BODMIN MOOR, VAR. GLORIANA (ALEXANDERI X ERICA SANDER)		50.00
#209	BODMIN MOOR, VAR. GOLDFINCH (ALEXANDERI X ERICA SANDER)		50.00
#210	SUNRISE COLORATOR (CERES X SWALLOW)		50.00
#211	FLARE (DZELL X RIO RITA)	Red	50.00
#213	ESMERALDA, HANKEY'S VARIETY X IRISH PEARL, VAR. DORSET		25.00
#217	OPHIR (CASTOR X LANDRAIL)		50.00
#218	DORCHESTER (ALEXANDERI X TITYUS)	White	75.00
#219	RAMBODA (PEARL, VAR. M. X VENUS)		75.00
#221	ILKLEY MOOR (BODMIN MOOR X PAULWELSII)		25.00
#232	AUREOLE (ALEXANDERI X AURIGA)	Pink	35.00
#233	AUREOLE, VAR. SANTA BARBARA (ALEXANDERI X AURIGA)		
		Cream White	50.00
#234	RAMBODA, VAR. COLOSSAL (PEARL X VENUS) F.C.C., R.H.S.		
		Cream Yellow	50.00
#235	ESMERALDA, A.M., R.H.S. (LOWIANUM CONCOLOR X VENUS)		
		Pale Green	25.00
#238	BODMIN MOOR X CONSTANCE FLORY	Seedling	15.00
#243	WATER RAIL (ALEXANDERI X PIXIE)		25.00
#244	FASCINATION (JOYFUL X CONSTANCE FLORY)		25.00
#245	ALEXETTE (ALEXANDERI X JANETTE)		50.00
#246	ESMERALDA (LOWIANUM CONCOLOR X VENUS)	Green	25.00
#249	ALEXETTE (ALEXANDERI X JANETTE)		50.00
#250	ICARUS, EXBURY VAR. A.M. (PAUWELSII X APOLO)	Greenish Yellow	50.00
#256	IRISH MELODY, A.M. (JASON X MARTIN)	Greenish Gold	50.00
#257	INDEPENDENCE DAY, EXBURY VAR. A.M. (BUTTERFLY X ROSANNA)		
		Apple Green	50.00
#260	IMOGEN, EXBURY VAR. F.C.C. (EAGLE VARIETY BATTE X LOWIO-GRANDIFLORUM) EXCELLENT PARENT		
		Large Blushflowers	100.00
#266	MINUET, B.C., O.S.S.C. (PUMILUM, VAR. ALBO MARGINALIS X INSIGNE)	Miniature, Plum Color	25.00
#268	VERULAM, EXBURY VAR. A.M. (ALEXANDERI X TRACYANUM)		
		Early, Buff	100.00
#277	SWIFT, VAR. DELICATE, A.M. (GODURT X ALEXANDERI)	Pink	50.00
#278	SWALLOW, WYLD COURT VAR. A.M. (PAUWELSII X ALEXANDERI)	Pink	50.00

COMMERCIAL CYMBIDIUMS—(continued)

PER BULB

#280	CLAUDETTE, VAR. JUNO, A.M. (CONINGSBYANUM X MIRANDA)	Light Sea Green	\$ 50.00
#291	BALKIS, EXBURY VAR. A.M. (ALEXANDERI VAR. MAGNOLIA X ROSANNA)	White	150.00
#292	DANTE, F.C.C. (GOOSANDER X BULLFINCH) EXCELLENT PARENT	Rose Pink	75.00
#295	PRESIDENT WILSON, VAR. WESTONBIRT, A.M. (ALEXANDERI X LOWIANUM)		75.00
#301	ALEXETTE (ALEXANDERI X JANETTE)		50.00
#302	ALEXETTE (ALEXANDERI X JANETTE)		50.00
#303	ALEXETTE (ALEXANDERI X JANETTE)		50.00
#324	FRIVOLITY ALBA (CERES X WHEATEAR)	Late Blooming, White	50.00
#325	FLORYII, VAR. GOLDEN ALBATROSS (EBURNEO-LOWIANUM X GRANDIFLORUM)	Large, Green overcast	20.00
#327	(ISTAMBUL, VAR. CALIPH X PAUWELSII VAR. C. DE H)	Dark Red Variety	50.00
#331	(PERANIQUE X CARISONA)		50.00
#332	(ROSALITA, VAR. BANDIT X PAUWELSII, VAR. C. DE H)	Peri Type Bronze	
#333	(ROSALITA, VAR. BANDIT X PAUWELSII, VAR. C. DE H)		50.00
#334	(ALEXANDERI X VANGIE)	Pink Variety	50.00
#335	(CARLOS X PEARL)		50.00
#336	(ROSALITA, VAR. BANDIT X PAUWELSII, VAR. C. DE H)		50.00
#337	MADELINE (INSIGNE X PAUWELSII)		75.00
#338	(MITHRAS X PAUWELSII, VAR. C. DE H)		50.00
#339	(DELPHINE, VAR. BUTTERCUP X PAUWELSII, VAR. C. DE H)	Green var., White Lip	50.00
#340	(RIO RITA-JASON X PAUWELSII, VAR. C. DE H)		50.00
#341	(OYSTERCATCHER X BLUE SMOKE)		50.00
#342	(BLUE SMOKE X LOWIO-GRANDIFLORUM)		50.00
#344	MINIVET, VAR. MAXINE B.M.C.S. (EBURNEO-LOWIANUM VAR. CONCOLOR X CASTOR)	Yellow	50.00
#346	ETHEL WARD (ALEXANDERII VAR. WEST. X LYSANDER)	White	50.00
#347	SWALLOW (PAUWELSII X ALEXANDERII WEST)		50.00
#348	ARABELLA II (ALEXANDERII X SWALLOW)		50.00
#349	INEX (BUTTERFLY X THORA)		75.00
#351	ALTAIR, VAR. MAGNOLIA (PAUWELSII X PIPIT)	Free Flowering, Pink-White	35.00
#352	(ORION X DIANA)	medium size, White, purple banded lip	30.00

COMMERCIAL CYMBIDIUMS—(continued)

PER BULB

#353	(ALEXANDERII WEST. X THORA)	\$ 40.00
#354	(ALEXANDERII WEST. X THORA)	40.00
#355	(ALEXANDERII WEST. X MIRABEL)	40.00
#356	(CHRISTINE X ALEXANDERII WEST)	
	VAR. MOONLIGHT, Large, Green White	40.00
#357	ARABELLA II VAR. WAVERLY (ALEXANDERII WEST. X SWALLOW)	
	White	40.00
#358	(ALEXANDERII WEST. X THORA)	40.00
#360	HEATHROW VAR. MARY BEA. (CLAUDETTE X ERICA SANDER)	100.00
#361	SANTA BARBARA (ALEXANDERI X CHARM)	50.00
#411	JOY SANDER, VAR. DORIS, A.M. (CERES X PAUWELSII)	25.00
#412	SWALLOW, VAR. KOREA (ALEXANDERI X PAUWELSII)	50.00
#413	SWALLOW, SPECIAL (ALEXANDERI X PAUWELSII)	50.00
#417	(ALEXANDERI X LAWNACRES) Fine Early Pink	50.00

A Few of Exceptional
EXHIBITION CYMBIDIUM VARIETIES
from the
BROOKVILLE ORCHID COLLECTION

		PER BULB
#174	NOHOLME, VAR. BROOKVILLE (WARBLER X ALEXANDERI)	
	Very Large, Pure White	\$400.00
#190	MOONSTONE, BEST VAR. (ALEXANDERI X MOONBEAM)	Yellow 125.00
#258	KAIROUAN, A.M. R.H.S. (ROSANNA X ADELPHI)	Light Yellow 200.00
#262	SWALLOW, F.C.C. R.H.S. (PAUWELSII Yellow Var. X ALEXANDERI)	
	Best Canary Yellow	100.00
#265	BODMIN MOOR, VAR. CATHERINE ARMSTRONG, A.M. R.H.S.	
	(ALEXANDERI X ERICA SANDER)	
	Large White, Tinged Green	100.00
#269	ISPAHAN, A.M. R.H.S. (LOWIO-GRANDIFLORUM X ROSANNA)	
	Pinkish White	150.00
#270	DORCHESTER, VAR. WOODHAMS (ALEXANDERI X TITYUS)	
	very heavy textured, beautifully formed flower.	
	Petals and sepals White, faintly tinged Green.	
	Broad lip, White, Pink flushed, red blotches on labellum	200.00

All PLANTS and BACK BULBS from this Listing are Subject to Prior Sale.

FINEST CYMBIDIUM STUD PLANTS

from the

BROOKVILLE ORCHID COLLECTION

			PER BULB
#212	BALKIS, HANKEY'S VAR. (ALEXANDERI X ROSANNA)	Pure White	\$ 75.00
#214	PRESIDENT WILSON, VAR. MAMMOTH, (ALEXANDERI X LOWIANUM)		75.00
#223	BALKIS, VAR. SNOWDEN, EXBURY	Pure White	75.00
#251	CERES, VAR. F.J.H., F.C.C., R.H.S. (INSIGNE X L'ANSOMII)	Fine Red	30.00
#252	LOWIO-GRANDIFLORUM, WESTONBIRT VAR. F.C.C., R.H.S.	Green	30.00
#253	PAUWELSII, VAR. C. de H. F.C.C., R.H.S. (INSIGNE VAR. BIERI X LOWIANUM, VAR. ST. DENIS)		
		Bronze	75.00
#254	PEARL, VAR. MAGNIFICUM, (ALEXANDERI X GRANDIFLORUM) F.C.C. R.H.S.		
		Bronze	25.00
#255	ALEXANDERI, VAR. WESTONBIRT F.C.C., R.H.S. (EBURNEO- LOWIANUM CONCOLOR X INSIGNE W. VAR.)		100.00
#279	SUSSEX, VAR. RAJAH, A.M., R.H.S. (PROFUSION X LANDRAIL)		
		Bronze-Red	100.00
#282	RIO-RITA, VAR. RADIANT, F.C.C., R.H.S. (RUBY X PEARL)		
		Brilliant Bronze-Red	100.00
#289	TOUCAN, F.C.C., R.H.S.	Bronze-Green	75.00
#260	IMOGEN VAR. F.C.C. EAGLE VAR. (BATEE X LOWIO-GRANDIFLORUM)		100.00
#294	CRESTA A.M. (GRANDIFLORUM X FLAMINGO)		75.00
#390	NAM KHAN VAR. ROTUNDA (PAUWELSII X ROSANNA)		100.00

All PLANTS and BACK BULBS from this Listing are Subject to Prior Sale.

BROOKVILLE ORCHIDS

PRICES

OF COMMERCIAL CUT FLOWER VARIETIES OF
BROOKVILLE CYMBIDIUMS

	PER BULB
All early flowering varieties, regardless of colors.....	\$ 2.75

Later Flowering

Tan or Brown shades.....	1.00
Green and all other colors.....	2.50

	PER POT
Large plants that have not been repotted.....	\$10.00

If above plants are purchased in flower, charges will be made at the rate of 50c per flower unless the plant is sold for \$30.00 or over, in which case no charge will be made for the flowers.

. . . All PLANTS and BACK BULBS from this Listing are Subject to Prior Sale . . .

GENERAL INFORMATION

and SPECIAL INSTRUCTIONS

SEEDLINGS IN TUBES

Seedlings in tubes will be shipped dry; that is, removed from the agar-agar and put back into the tubes dry. This prevents the stirring up of seedlings during shipment. Seedlings in tubes are never offered for sale until they are ready for transplanting into community pots. To avoid excessive losses, prepare your community pots in advance and plan to transplant seedlings upon arrival.

CUSTOMERS WHO WISH TO HAVE THEIR SEEDLINGS GROWN IN TUBES A WHILE LONGER SHOULD PLAN TO PICK THEM UP HERE AT KIESEWETTER'S ORCHID GARDENS.

ORDERING

Orders may be placed early to reserve your selections, but shipments will be made only when weather conditions permit safe delivery to your door. Orchid plants must be guarded against chilling since they may not recover from the set-back suffered. The safe shipping period opens about April 15th and continues through October. If shipment is made to a cold area, you should plan to pick up the parcel immediately upon arrival, thus averting delays and exposure in unheated delivery trucks.

When you place your order, please mention a second choice, if you have one. NO SUBSTITUTIONS WILL BE MADE WITHOUT SPECIFIC INSTRUCTIONS FROM YOU.

PRINT OR TYPE YOUR NAME AND ADDRESS CLEARLY.

INCLUDE DEFINITE SHIPPING INSTRUCTIONS WITH ALL ORDERS.

SHIPPING

There is no charge for packing.

We recommend using Railway Express whenever possible, especially on large orders.

Large orders shipped by Railway Express are better shipped out of pot since there is a considerable saving in charges.

The cost of shipping by Air makes it advisable to ship out of pot.

Shipments are made to all parts of the United States and many foreign countries, but we do not assume responsibility for the safe delivery of the shipment as we make sure that the order is carefully packed when it leaves our greenhouses. Therefore, we suggest that the plants are carefully examined upon arrival and if there is any indication of damage, a claim should immediately be filed with the carrier. We can only make replacements where a filed claim has been made to insure reimbursement to us.

All freight and express packages marked for delivery within the boundaries of continental United States will be sent COLLECT. When prepayment of postage is required, we will advance the necessary charges and a statement will be forwarded to you following shipment. Prompt reimbursement of these charges will be appreciated.

Selection is unfailingly made from the finest and largest plants available in each lot of the cross in your order; however, please remember that all crosses do not attain the same size at the same time, therefore, do not expect to receive seedlings all of equal size when ordering various crosses. They may or may not be so, and the explanation is simple: all of the tubes are not started at the same time, therefore, the period of growth varies in each case placing different crosses at an individual stage of development. Furthermore, different parent plants evidence different growing habits often reflected in the seedlings produced by these plants. Also, the amount and intensity of sunlight during any one season plays an important part in the growth of plants: seedling size from the same cross may vary somewhat from one year to another. Be assured that you will receive the best from the lot that you have ordered.

ALL SHIPMENTS ARE MADE F.O.B. ROSLYN, L.I., NEW YORK

INSURANCE

All packages will be insured to the full value of their contents except when they are to travel by mail. The U. S. Post Office will not accept parcels containing plants for insurance. Our careful attention will be given to adequate insulation, secure wrapping, and labeling, but further responsibility after the parcel leaves our hands must be assumed by the customer.

PAYMENT

All orders are payable in U.S. Dollars; check, cash, or money order should accompany your order, unless previous arrangements have been made to open a credit account. When cash is used for payment, please send by Registered Mail for safe delivery.

ALL ITEMS LISTED ARE SUBJECT TO PRIOR SALE.

Non - Warranty

I, Ralph R. Kiesewetter, of Kiesewetter Orchid Gardens, give no warranty, express or implied, as to the productivity of any of the plants sold and will not be in any way responsible for the crop. My liability in all instances is limited to the purchase price of these plants.

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are available only from
KIESEWETTER ORCHID GARDENS
R. F. D. ROSLYN, L. I., NEW YORK
Phone: Pioneer 2-8396

Printed in U.S.A. by The Belmont Press, Massapequa, N. Y.



CYMBIDIUM BACK BULBS
from the
BROOKVILLE ORCHID COLLECTION

We are commissioned to offer a limited number of these Cymbidium Back Bulbs. Each and every bulb is guaranteed to be part of the authentic and true A. M. or F. C. C. plant. This guarantee is given by both Brookville Orchids and Kiesewetter Orchid Gardens.

We also contract to germinate lots of 1,000 or more seedlings of any cross you may be interested in from the various laboratory controlled stud plants grown by Brookville Orchids.

KIESEWETTER ORCHID GARDENS • R.F.D. ROSLYN, N.Y.